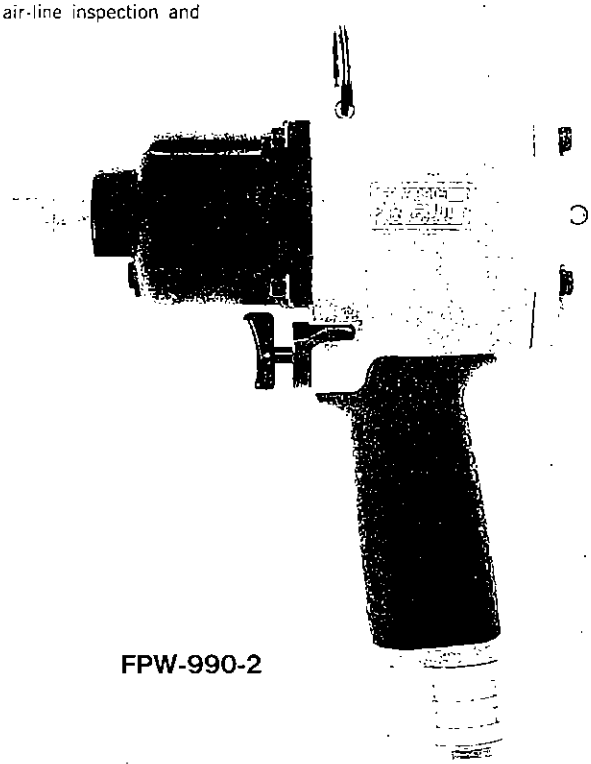
USER MANUAL

PNEUPULSE

MODELS : FPW-990-2

LUBRICATION FREE

In addition to the improvement of the working condition, the lubrication-free motor greatly serves to reduce the air-line inspection and maintenance cost.



FPW-990-2

SPECIFICATIONS

Model	Capacity Bolt Size (Guidance)		Recommended Torque Range (about)			Free Speed (about)	Side to Center (about)		Square Drive Size		Overall Length (without socket) (about)		Weight (without socket) (about)		Air Consumption at Max. Torque (about)	
	mm	in	N·m	kgf·m	ft·lbs	rpm	mm	in	mm	in	mm	in	kg	lb	m^3/min	ft^3/min
FPW-990-2	10	3/8	64~113	6.5~11.5	47~83	4,800	30.0	1 3/16	12.7	1/2	186	7 5/16	2.00	4.4	0.60	21.2

Air inlet : 1/4", Air Hose : 3/8"(9.5mm). The performance figures are at 6.2 bar.

⚠ Refer to instructions and warning for safety use enclosed in each tool box.

FUJI AIR TOOLS CO., LTD.

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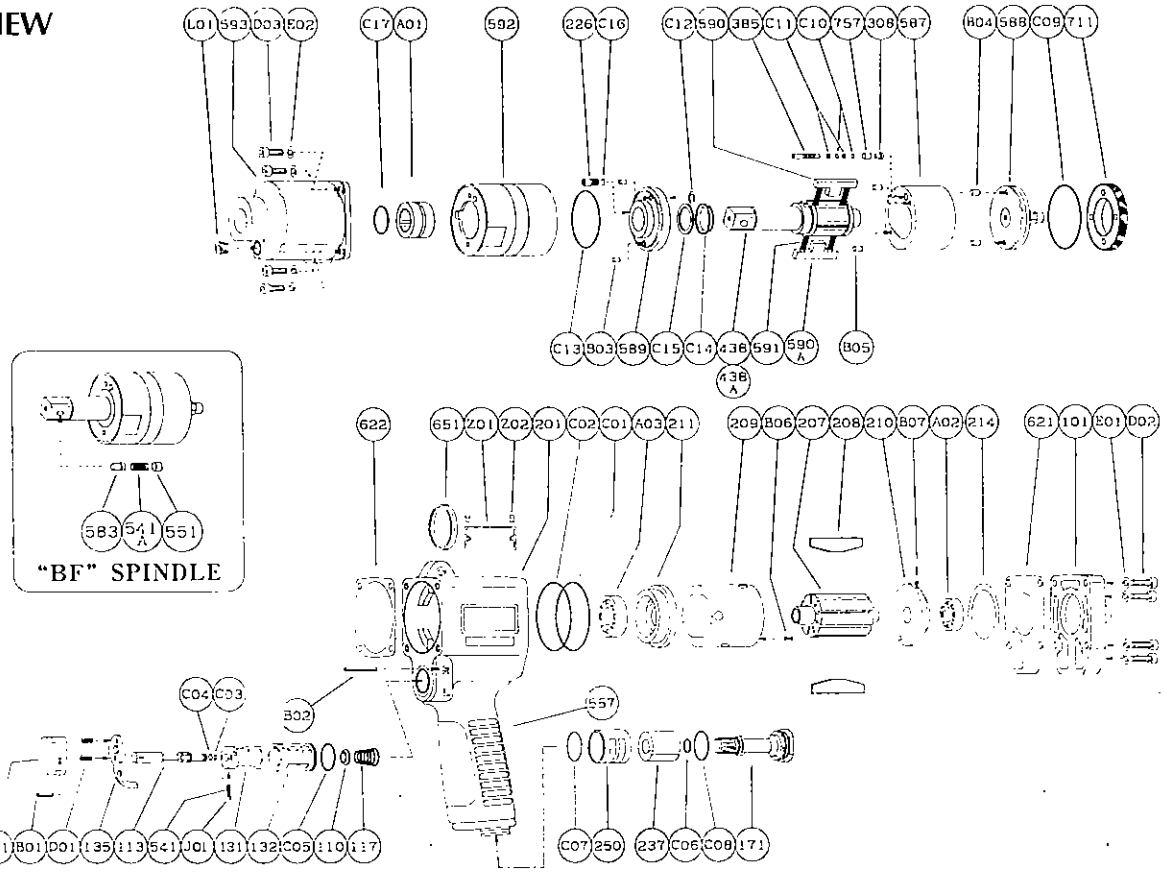
Specifications are subjects to change without notice.

PARTS LIST MODEL: FPW-990-2

EXPLODED VIEW



PARTS LIST

Index No.	Parts No.	Parts Name	Qt.
CP No.	W-281006-01	Housing CP	
110	W-283110-00	Throttle Valve	1
113	W-282113-01	Throttle Valve Rod	1
117	W-282117-01	Throttle Valve Spring	1
121	W-254121-00	Throttle Valve Lever	1
131	W-282131-01	Reverse Valve	1
132	W-282132-01	Reverse Valve Bushing	1
135	W-281135-00	Reverse Valve Lever	1
171	W-282174-00	Inlet Joint (PT)	1
171	W-282171-01	Inlet Joint (NPT)	1
201	W-281201-01	Housing	1
237	W-282237-00	Muffler Pad	1
250	W-282250-01	Exhaust Cover	1
541	W-252541-00	Button Retainer Spring (F)	1
B01	SP-212	Spring Pin	1
B02	SP-225	Spring Pin	1
C01	O-S48	"O" Ring	1
C02	O-S48	"O" Ring	1
C03	O-S4	"O" Ring	1
C04	O-P5	"O" Ring	1
C05	O-S17	"O" Ring	1
C06	O-S10	"O" Ring	1
C07	O-S20	"O" Ring	1
C08	O-S20	"O" Ring	1
D01	CS-36S	Cap Screw	2
J01	B-3	Ball	1
CP No.	W-281021-00	Oil Cylinder CP	
226	W-281226-00	Oil Plug	1
308	W-281308-00	Spacer	1
385	W-281385-00	Adjusting Screw	1
438	W-281438-00	Spindle	1
587	W-281587-00	Oil Cylinder	1
588	W-281588-00	Oil Cylinder Upper Plate	1
589	W-281589-00	Oil Cylinder Lower Plate	1
590	W-281590-00	Spindle Blade	1
590	W-281590-01	Spindle Blade	1
591	W-281591-00	Blade Spring	2
592	W-281592-00	Cylinder Case	1
711	W-281711-00	Cylinder Cover	1
757	W-223757-00	Needle	1
B03	GP-366	Grooved Pin	2
B04	NR-37	Needle Roller	2

Index No.	Parts No.	Parts Name	Qt.
B05	NR-37	Needle Roller	2
C09	O-S40	"O" Ring	1
C10	O-S2.5F	"O" Ring	2
C11	BR-S2.5FT2	Back Up Ring	2
C12	O-S5	"O" Ring	1
C13	O-S38	"O" Ring	1
C14	O-4115	Quad Ring	1
C15	BR-115	Back Up Ring	1
C16	O-S2.5F	"O" Ring	1
CP No.	W-281033-00	Front Case CP	
593	W-281593-00	Front Case	1
A01	NB-NK16/16R	Needle Bearing	1
C17	O-P16	"O" Ring	1
L01	PL-1/8	Plug	1
101	W-281101-00	Housing Cover	1
207	W-281207-00	Rotor	1
208	W-281208-00	Rotor Blade	9
209	W-281209-00	Cylinder	1
(B06)	SP-2.56	Spring Pin	1
210	W-281210-00	Cylinder Upper Plate	1
(B07)	SP-1.56	Spring Pin	1
211	W-281211-00	Cylinder Lower Plate	1
214	M-547214-00	Adjusting Washer (T=0.03)	1
557	W-282557-01	Protector	1
621	W-281621-00	Packing (A)	1
622	W-281622-00	Packing (B)	1
651	W-181651-00	Horizontal Hanger	1
A02	BB-6900	Ball Bearing	1
A03	BB-6001	Ball Bearing	1
D02	CS-516	Cap Screw	4
D03	CS-516	Cap Screw	4
E01	PW-5K	Plain Washer	4
E02	PW-5K	Plain Washer	4
Z01	NP-1066	Name Plate	1
Z02	NPN-OX3.2	Screw Rivet	2
"BF" SPINDLE			
CP No.	W-281021-01	Oil Cylinder CP (BF)	
438A	W-281438-01	Spindle (B)	1
(541A)	W-224541-00	Button Retainer Spring (F)	1
(551)	W-221551-00	Plug	1
(583)	W-224583-00	Retainer Button (F)	1

□ CP No. denotes the assembled parts comprising of more than 1 pc. of parts. The related parts are shown in the thick frame.

□ #209, 210 and 438A are supplied together with parts shown in ( ).

□ Specify parts number and quantity in ordering.

■ Standard Accessory : F-705·····5Hex Hex. Pin Wrench 1.
F-712-1·····2mm Hex. Pin Wrench 1.